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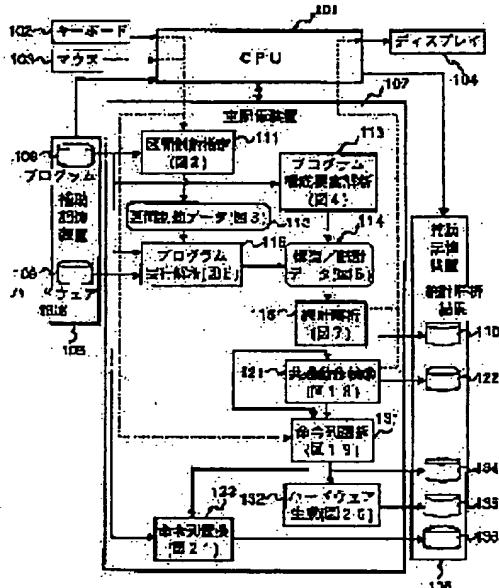
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## (54) DESIGN SUPPORTING METHOD IN MIXED SYSTEM OF HARDWARE AND SOFTWARE

## (57) Abstract:

**PROBLEM TO BE SOLVED:** To support the selection of a part to be made into a hardware in the functions of the control program of a microcomputer.

**SOLUTION:** The source program of incorporated programs 108 is displayed on a display 104, and the simulation starting point and the terminating point in the program and the processing time to be satisfied between the two points are made to be designated by a user (111). The object program analysis of the incorporated programs 108 is performed and the segments composing the function and the function as components and the mutual relation are extracted (113). The operations of the object program are analyzed, the processing time and the number of times of processing are recorded for every component executed till passing the terminating point after passing the starting point. These components and the processing time and the number of times of processing, etc., which are recorded on the components, are displayed (115). The user can select a part to be made into the hardware by a component unit.



## LEGAL STATUS

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